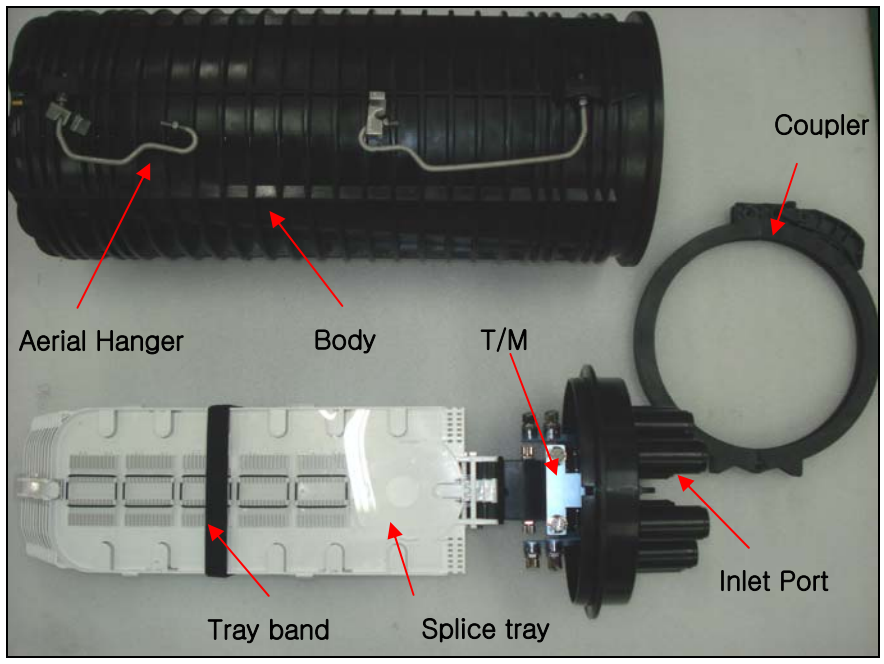
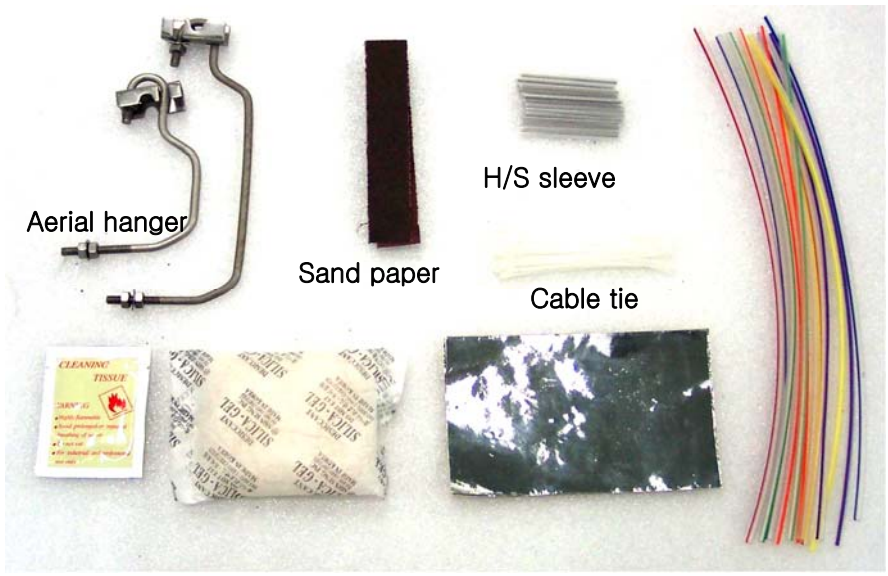
FIBER OPTIC SPLICE CLOSURE

Dome Type Fiber optic Splice Closure (VSOF-BS810A) User manual





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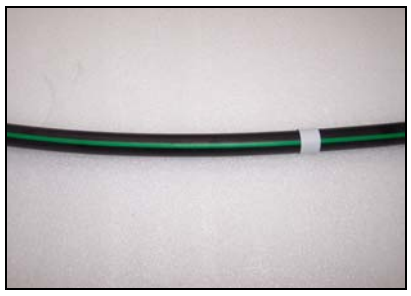
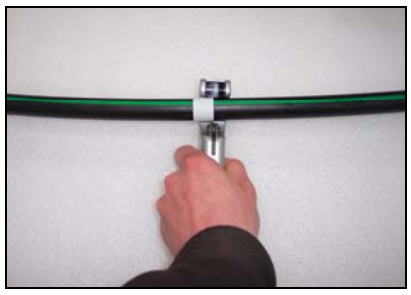


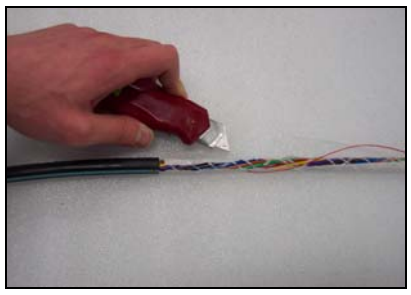
1. Marking a Cutting Point

Mark a sheath removing point on the cable with a piece of tape at a 120cm point from the cable cut end.



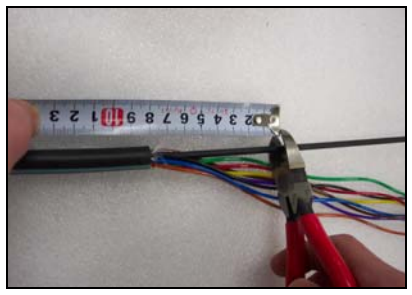
2. Sheath Removing

Remove the cable sheath from the marked point using a sheath stripper.



3 Remove the cable sheath

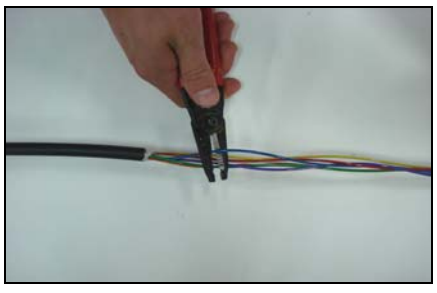
Remove plastic tape and dummy fillers tubes. After trimming off dummy filler tubes, clean the loose tube with jelly cleaner.



4. Cutting Tension Member

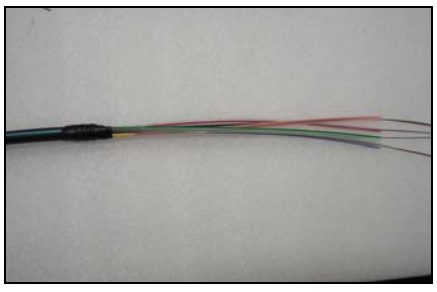
Leave 8cm from the cable end and cut off the tension member.

* Length of Tension Member: 8Cm



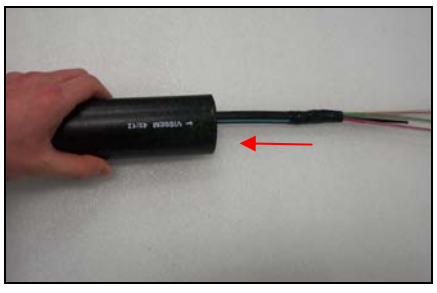
5. Removing Loose tube

Leave 4cm from the cable end and remove the rest of loose tubes.
Clean the cut area using jelly cleaner.



6. Inserting Protection Tube

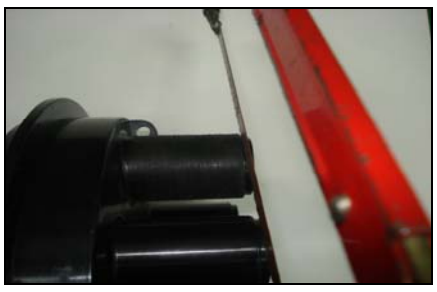
Insert fibers into the provided protection tubes after cutting into each.



7. Inserting Heat Shrink Tuber

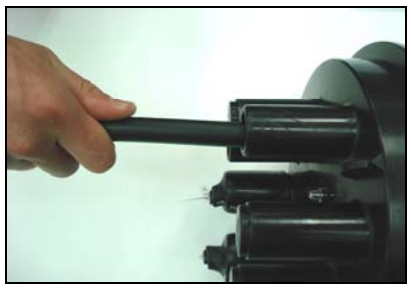
Insert the cable into the heat shrink tube from the loose tube end.

Note: check the insertion direction



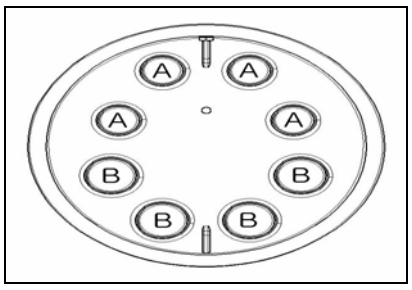
8. Cutting Cable Inlet Ports

Select the appropriate cable inlet ports and cut less than 3mm from the ports end with a saw.



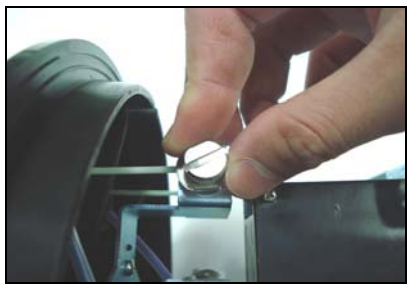
9. Cable Insertion

Insert the cable into the inlet port from the end.



Note. Port VS Cable Diameter

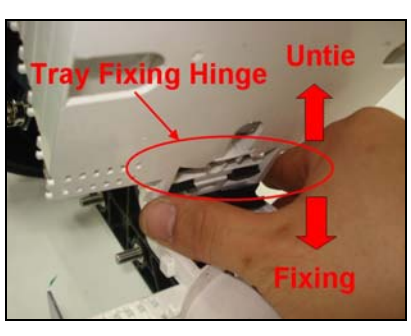
Port	Type	Cable Dia.
A	Single	Φ8 ~ Φ23
B	Single	Φ12 ~ Φ29



10. Fixing Tension Member (TM)

Place the TM on the TM Base and close it with the TM nut. Tighten it using a screwdriver or hand with proper strength.

Note: Do not screw strongly too much



11. Tray Fixing

Fix not using trays on the tray support using tray fixing hinge

Please note keep 70 degree between trays

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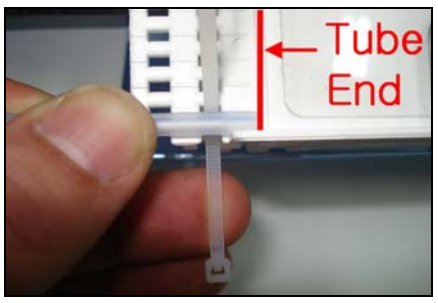
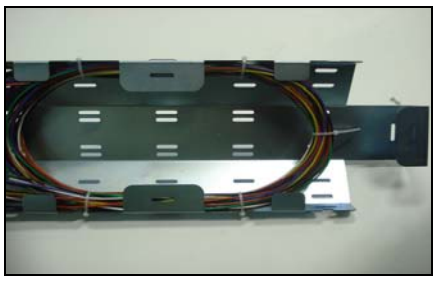


12. Protection Tube Fixing

Fix the protection tube with cable tie.

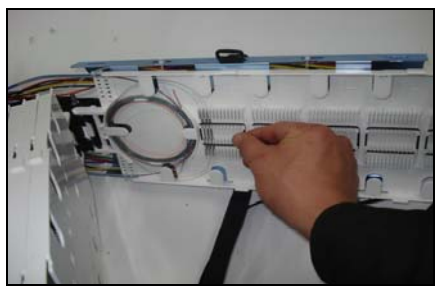


13. Store the Exceeding loose tube

Store the exceeding loose tube in the Spool and fix them with cable tie.

14. Splicing & Storing Fibers

Splice fibers using an approved fiber splicing method. After the splice, insert sleeves in each slit accordingly.
Coil surplus fibers in the tray in a figure 8 Shape.



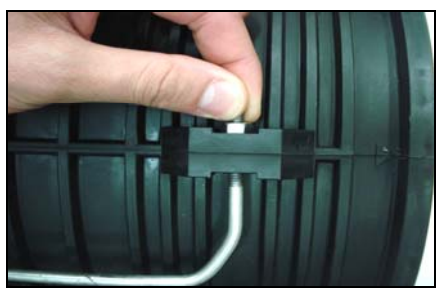
15. Fiber Arrangement

After the arrangement, close the tray lid, and record each splice on the index card on the lid.

Wrap the silver foil tape around the cable 8cm from the inlet port to protect cable sheath form the burner.

* Be careful not to damage the silver foil tape

Push the heat shrink tube up to the cable inlet port end, and heat the tube staring at the inlet port moving away from it while controlling the fire.

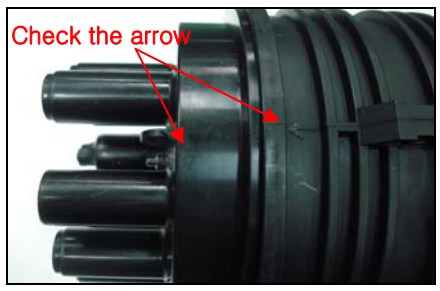


20. Hanger connection

Connect the hangers to the hanger connecting part with bolts and nuts as the figure shown.
Hang the closure on the wire properly using aerial hangers.

16. Tying silica Gel and Trays

Stack the trays using the connection parts on the side.
Place the provided silica gel on the splice tray lid and tie them together.



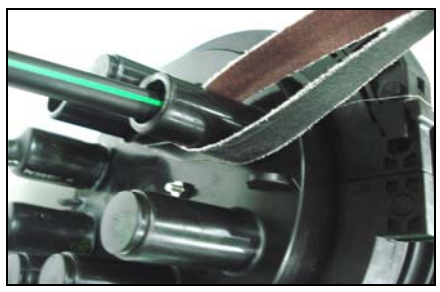
17. Assembling the Closure

Place the dome shaped cover onto the bottom portion.

* Check the status of silicon gasket ring inserted in the slit of the dome shaped cover.

18. Band clamp connection

Fasten the dome shaped cover and the bottom portion together with a band clamp.



19. Heating Heat Shrink tube

Rub the inlet ports and the cable with the provided sandpaper and clean them with a cleaner to allow the sealing adhesives inside of the heat shrink tube to bond to each side.

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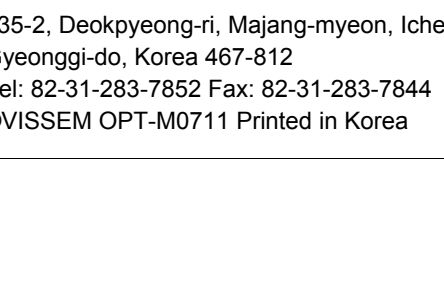

21. Aerial Installation

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